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April Reeves  
April Reeves

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

G.N. Cox, III, *et al.*

Application No.: 09/706,243

Filed: November 3, 2000

For: REGULATION OF ENDOGENOUS  
GENE EXPRESSION IN CELLS  
USING ZINC FINGER PROTEINS

Examiner: J. Brusca

Group Art Unit: 1631

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OFFICE OF PETITIONS

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

UNDER 37 C.F.R. §§ 1.97(b)

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The information listed below may be material to the examination of the above-identified application. Copies of the information and a completed form PTO-1449 are provided herewith. The Examiner is respectfully requested to make this information of official record in the application. The information includes:

GILLEMANS *et al.* "Altered DNA-binding specificity mutants of EKLF and Sp1 show that EKLF is an activator of the  $\beta$ -globin locus control region *in vivo*" *Genes Devel.* 12:2863-2873 (1998).

THIESEN, "From repression domains to designer zinc finger proteins: A novel strategy of intracellular immunization against HIV" *Gene Expr.* 5:229-243 (1996).

IMHOF *et al.* "Transcriptional regulation of the AP-2 $\alpha$  promoter by BTEB-1 and AP-2rep, a novel wt-1/egr-related zinc finger repressor." *Molecular & Cellular Biology* 19:194-204 (1999).

LIU *et al.* "Regulation of an endogenous locus using a panel of designed zinc finger proteins targeted to accessible chromatin regions." *Journal of Biological Chemistry* **276**:11,323-11,334 (2001).

LIU *et al.* "Transcription factor EGR-1 suppresses the growth and transformation of human HT-1080 fibrosarcoma cells by induction of transforming growth factor  $\beta$ 1." *Proceedings of the National Academy of Sciences of the USA* **93**:11,831-11,836 (1996).

SPENGLER *et al.* "Regulation of apoptosis and cell cycle arrest by Zac1, a novel zinc finger protein expressed in the pituitary gland and the brain." *EMBO Journal* **16**:2814-2825 (1997).

ZHANG *et al.* "Synthetic zinc finger transcription factor action at an endogenous chromosomal site." *Journal of Biological Chemistry* **275**:33,850-33,860 (2000).

This Information Disclosure Statement under 37 CFR § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the information listed above constitutes prior art to the subject application.

This Information Disclosure Statement is being filed before receipt by Applicants of a first Office Action on the merits. Accordingly, no fee is believed to be due.

Respectfully submitted,

Date: October 30, 2001

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